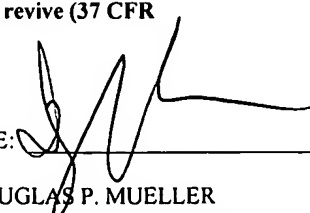


FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 10873.1894USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) UNKNOWN 10/577269
INTERNATIONAL APPLICATION NO. PCT/JP2004/015847	INTERNATIONAL FILING DATE OCTOBER 26, 2004	PRIORITY DATE CLAIMED OCTOBER 27, 2003	
TITLE OF INVENTION COOLING DEVICE			
APPLICANT(S) FOR DO/EO/US ISHII et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li><input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li><input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li><input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input checked="" type="checkbox"/> have been transmitted by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input checked="" type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li><input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11. to 16. below concern document(s) or information included:</b>			
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 Form 1449, 2 references, copy of International Search Report (Form PCT/ISA/210).			
12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13. <input checked="" type="checkbox"/> A FIRST preliminary amendment, marked-up copy of Specification, clean copy (Substitute) Specification. <input type="checkbox"/> A SECOND of SUBSEQUENT preliminary amendment.			
14. <input checked="" type="checkbox"/> A substitute specification.			
15. <input type="checkbox"/> A change of power of attorney and/or address letter.			
16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet (3 pages), International Publication Page(s) of WO 2005/015847, Communication re: Requested Figure, Form PCT/IPEA/409 (in Japanese language), Form PCT/IB/304, Form PCT/IB/308.			

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
UNKNOWN <b>10/577269</b>		PCT/JP2004/015847		10873.1894USWO	
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>					
[X] a) Basic National fee.....				\$300.00	\$300.00
[X] b) Examination fee.....				\$200.00	\$200.00
[X] c) Search fee.....				\$500.00	\$500.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1000.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		Rate	
32 - 100 =	0 /50 =			X \$250.00	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	12 -20 = 0		X \$50.00	\$0.00	
Independent claims	1 -3 = 0		X \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1000.00	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$0.00	
<b>SUBTOTAL =</b>				\$1000.00	
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$0.00	
<b>TOTAL NATIONAL FEE =</b>				\$1000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$1040.00	
				Amount to be: refunded	\$0.00
				charged	\$0.00
<p>a. [X] Check(s) in the amount of <u>\$1040.00</u> to cover the above fees is enclosed.</p> <p>b. [ ] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3478</u>.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>					
<p>SEND ALL CORRESPONDENCE TO: DOUGLAS P. MUELLER Hamre, Schumann, Mueller &amp; Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402</p>			<p>SIGNATURE: </p> <p>NAME: DOUGLAS P. MUELLER REGISTRATION NUMBER: 30,300</p>		

Applicant: ISHII et al.  
 Docket: 10873.1894USWO  
 Title: COOLING DEVICE

IAP12 Rec'd PCT/PTO 26 APR 2006

**CERTIFICATE UNDER 37 CFR 1.10:**

"Express Mail" mailing label number: EV 858803569 US

Date of Deposit: APRIL 26, 2006

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to MS PCT, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450.

By: 

Name: ABBIE LARKIN

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 17 pgs; 12 claims (2 pages); Abstract-1 pg.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 12 sheets of formal drawings
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to AIR OPERATION TECHNOLOGIES INC., Recordation Form Cover Sheet
- ☒ Check in the amount of \$1000.00 for the Filing Fee and \$40.00 for the Assignment Recording Fee
- ☒ Information Disclosure Statement, Form 1449, 2 references.
- ☒ Application Data Sheet, 3 pages.
- ☒ Other: Form PTO-1390, International Publication page of WO 2005/043053, translation of the International Application into English, Communication re: Requested Figure, Preliminary Amendment including marked-up copy of specification and clean copy (substitute) specification, translation of the amendments to the claims under PCT Article 19, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IPEA/409 (in Japanese language).
- ☒ Return postcard

**CLAIMS AS FILED**

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
Total Claims	12	20	0	50.00	= 0.00
Independent Claims	1	3	0	200.00	= 0.00
Multiple Dependent Claims Fee					= 0.00
Basic Filing Fee					= 300.00
Search Fee					= 500.00
Examination Fee					= 200.00
Utility Application Size Fee	37	100	0	250.00	= 0.00
Total					= 1000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
 P.O. Box 2902-0902 Minneapolis, MN 55402  
 612.455-3800

By: 

Name: Douglas P. Mueller

Reg. No.: 30,300

Initials: DPM:nel

**52835**

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)

S/N unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	ISHII et al.	Examiner:	unknown
Serial No.:	unknown	Group Art Unit:	unknown
Filed:	concurrent herewith	Docket No.:	10873.1894USWO
Title:	COOLING DEVICE		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 858803569 US  
Date of Deposit: APRIL 26, 2006

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
Name: ABBIE LARKIN

COMMUNICATION REGARDING REQUESTED FIGURE

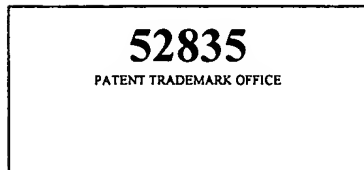
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

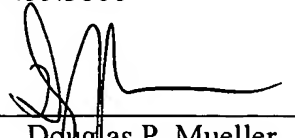
In connection with the above-identified application, applicant respectfully requests that Figure 2 be printed on the front page of the published application.

Respectfully submitted,

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902-0902  
Minneapolis, Minnesota 55402-0902  
(612) 455.3800



Dated: APRIL 26, 2006

By   
Douglas P. Mueller  
Reg. No. 30,300

DPM/nel